

IN THE CLAIMS:

Claims 1-2 (canceled).

Claim 3 (currently amended): An apparatus for injection molding plastic material, comprising a mold into which molten plastic material is introduced, a device for introducing a liquid into the interior of the molten plastic material, the device comprising a constant delivery pump driven by a motor, ~~at least one of a~~ the speed of rotation of the motor and ~~a stroke volume of the pump~~ being variable.

Claim 4 (currently amended): The apparatus of claim 3, wherein ~~the at least one of the speed of rotation and stroke volume of the pump are~~ is selectively variable to produce a given delivery amount or given pressure, respectively.

Claim 5 (previously presented): The apparatus of claim 4, wherein the motor driving the pump is one of a servomotor and a three-phase asynchronous motor.

Claim 6 (previously presented): The apparatus of claim 5, further comprising three-way valves between the pump and the mold for controlling the flow of the liquid.

Claim 7 (previously presented): The apparatus of claim 6, wherein the liquid is water.

Claim 8 (previously presented): The apparatus of claim 4, further comprising three-way valves between the pump and the mold for controlling the flow of the liquid.

Claim 9 (previously presented): The apparatus of claim 8, wherein the liquid is water.

Claim 10 (previously presented): The apparatus of claim 3, further comprising three-way valves between the pump and the mold for controlling the flow of the liquid.

Claim 11 (previously presented): The apparatus of claim 10, wherein the liquid is water.

Claim 12 (previously presented): The apparatus of claim 3, wherein the motor driving the pump is one of a servomotor and a three-phase asynchronous motor.

Claim 13 (previously presented): The apparatus of claim 12, further comprising three-way valves between the pump and the mold for controlling the flow of the liquid.

Claim 14 (previously presented): The apparatus of claim 3, wherein the liquid is water.

Claim 15 (new): An apparatus for injection molding plastic material, comprising a mold into which molten plastic material is introduced, a device for introducing a liquid into the interior of the molten plastic material, the device comprising a regulating pump driven by a motor and an adjustable throttle, a delivery flow of the liquid being regulated by way of the adjustable throttle.

Claim 16 (new): The apparatus of claim 15, wherein the motor driving the pump is one of a servomotor and a three-phase asynchronous motor.

Claim 17 (new): The apparatus of claim 16, further comprising three-way valves between the pump and the mold for controlling the flow of the liquid.

Claim 18 (new): The apparatus of claim 17, wherein the liquid is water.

Claim 19 (new): The apparatus of claim 15, further comprising three-way valves between the pump and the mold for controlling the flow of the liquid.

Claim 20 (new): The apparatus of claim 19, wherein the liquid is water.

Claim 21 (new): The apparatus of claim 20, wherein the motor driving the pump is one of a servomotor and a three-phase asynchronous motor.

Claim 22 (new): A method for injection molding plastic material, comprising: introducing molten plastic material into a mold cavity; introducing a liquid into an interior of the molten plastic material using a device comprising a pump driven by a motor, the liquid flowing from a liquid supply through said pump during said introduction of said liquid into said molten plastic material; and selectively varying at least one of a speed of rotation of the motor and a stroke volume of the pump to produce a resulting delivery flow of said liquid.

Claim 23 (new): The method of claim 22, including varying at least one of the speed of rotation and stroke volume of the pump to produce a resulting delivery amount or pressure, respectively.

Claim 24 (new): The method of claim 23, wherein the motor driving the pump is one of a servomotor and a three-phase asynchronous motor.

Claim 25 (new): The method of claim 24, further comprising using three-way valves between the pump and the mold for controlling the flow of the liquid.

Claim 26 (new): The method of claim 25, wherein the liquid is water.

Claim 27 (new): The method of claim 22, comprising using three-way valves between the pump and the mold for controlling the flow of the liquid.

Claim 28 (new): The method of claim 22, wherein the liquid is water.